



# **Department of Toxic Substances Control (DTSC)**

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## **ENVIROSTOR ELECTRONIC DATA, PROPOSED FORMATS**

**Presented at GeoSym 2008**

**May 29, 2008**

**Harold (Bud) Duke, P.G.**



# Presentation Outline

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- DTSC's EnviroStor
- AB:2144
- EnviroStor E-Data Workgroup
- Questions and Answers



# EnviroStor - Current

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- EnviroStor – project management tracking tool
- Sites from both DTSC's Cleanup and Permitting Programs
- Currently, data can only be uploaded into EnviroStor in a fixed layout format (e.g., pdf)



<http://www.envirostor.dtsc.ca.gov/public/>

Envirostor - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites

Address <http://www.envirostor.dtsc.ca.gov/public/> Go Links

**CA.GOV** DEPARTMENT OF TOXIC SUBSTANCES CONTROL **ENVIROSTOR** Skip for Content | Footer

Envirostor Home Tools Reports Community Involvement Information DTSC Home

**TOOLS**

- Basic Search
- Advanced Search
- Download Data

**REPORTS**

- By Program
- Mandated Reports
- By Senate District
- By Assembly District
- Land Use Restrictions
- Permitted Facilities
- Facilities With Corrective Actions
- Commercial Offsite Hazardous Waste Facilities

**COMMUNITY INVOLVEMENT**

- With Public Notices in the Last 60 Days
- With Drafts for Public Review in the Last 6 Months

**FIND CLEANUP SITES AND HAZARDOUS WASTE PERMITTED FACILITIES**

Enter a City, Zip Code OR County in California

LEAVING A FIELD BLANK MATCHES ANY ENTRY FOR THAT FIELD

City:

Zip:

County:

**Include the following Cleanup Sites**

- ☒ Federal Superfund Sites (NPL)
- ☒ State Response Sites
- ☒ Voluntary Cleanup Sites
- ☒ School Cleanup Sites

**Include the following Hazardous Waste Facilities**

- ☒ Permitted
- ☒ Corrective Action

**Display Results**

- ☒ Listing
- ☐ On Map

Get Report

Done Trusted sites

start Microsoft PowerPoint Word GroupWise - H... Envirostor - Microsoft

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# EnviroStor-Looking Forward

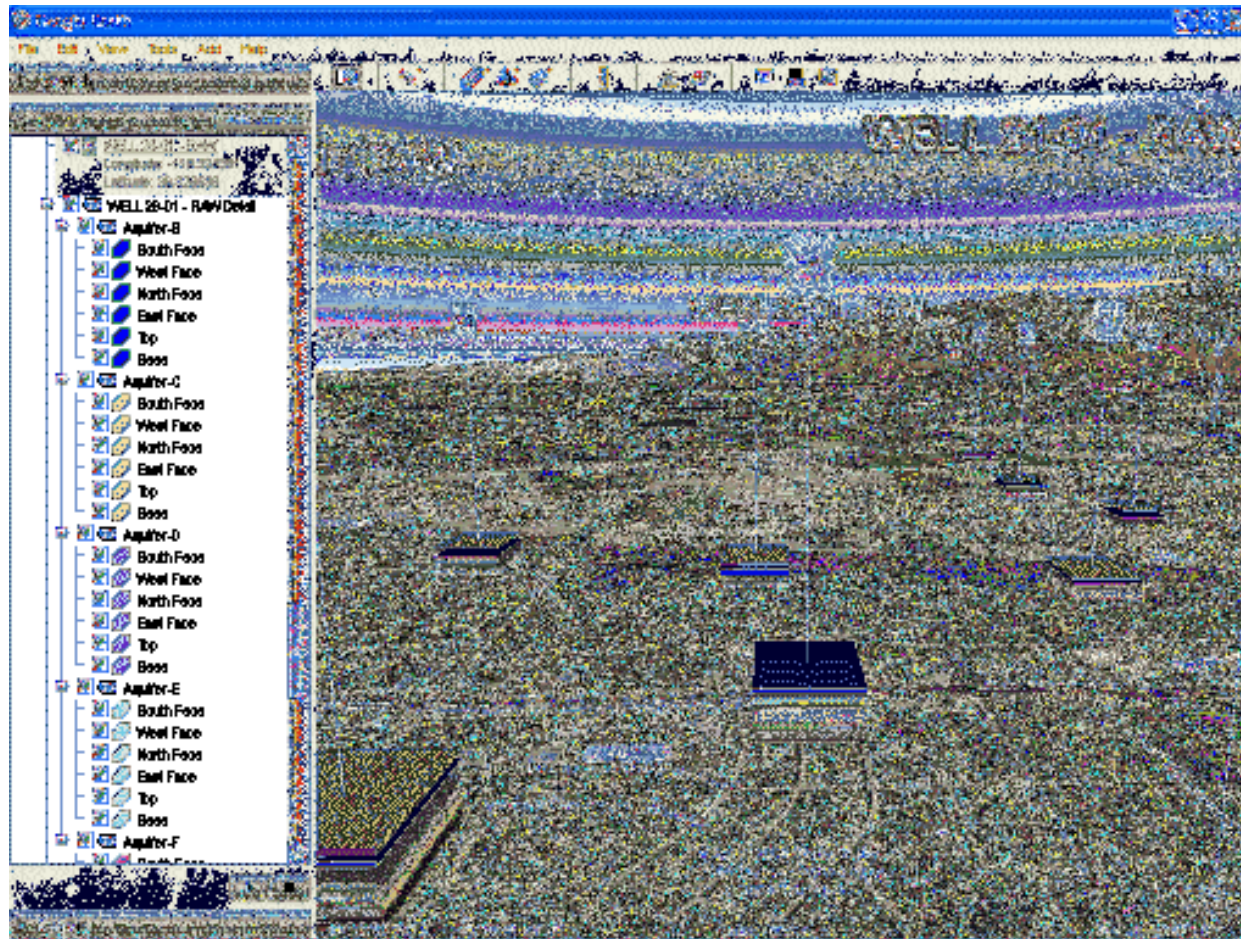
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- Future is to develop electronic database
- Intent is to receive data in a text delimited format
- Allow project managers to analyze data using visualization and modeling applications, increasing efficiency and thoroughness of site evaluations



# EnviroStor-Looking Forward

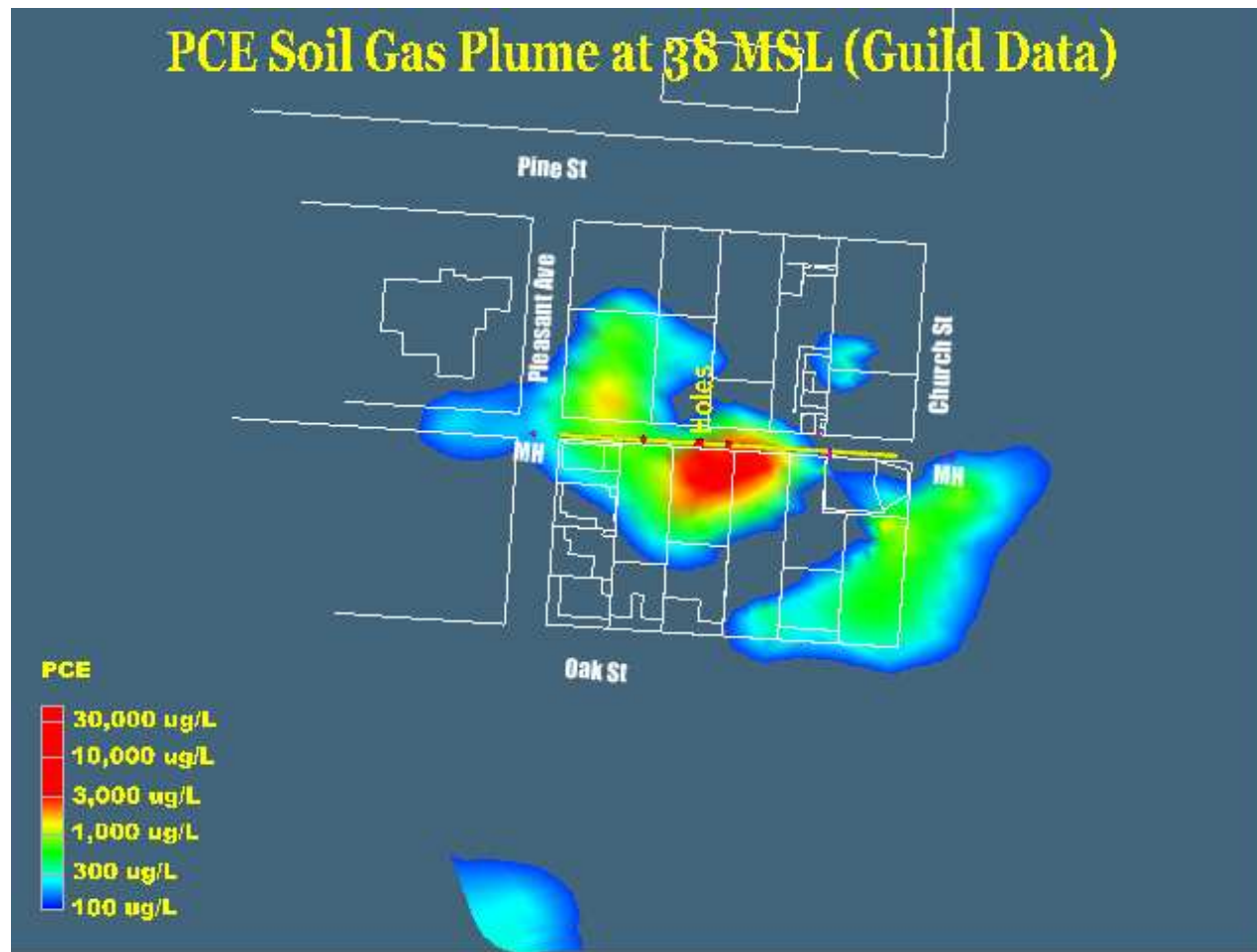


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# EnviroStor-Looking Forward

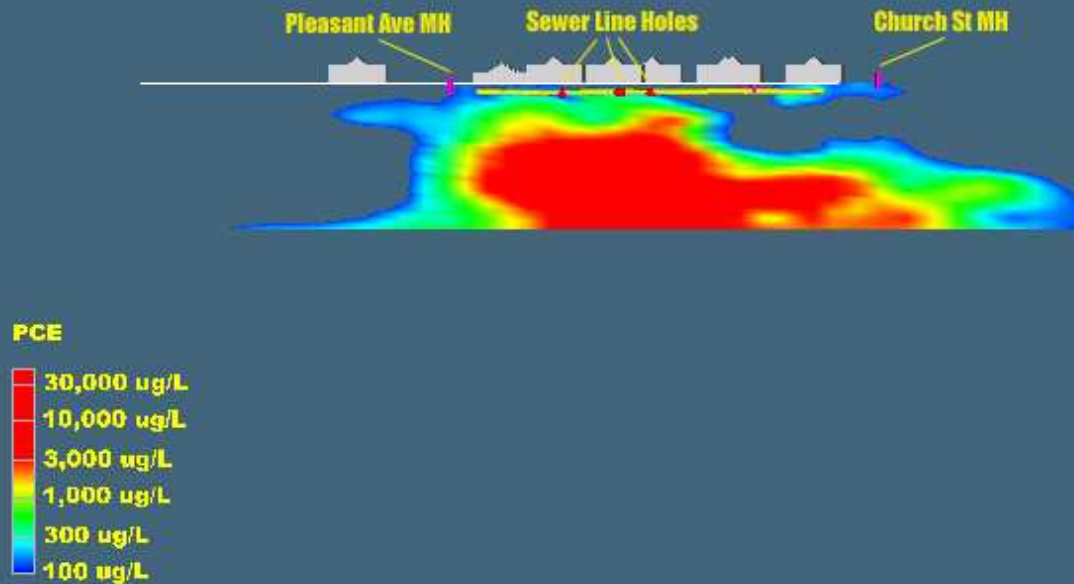


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# EnviroStor-Looking Forward

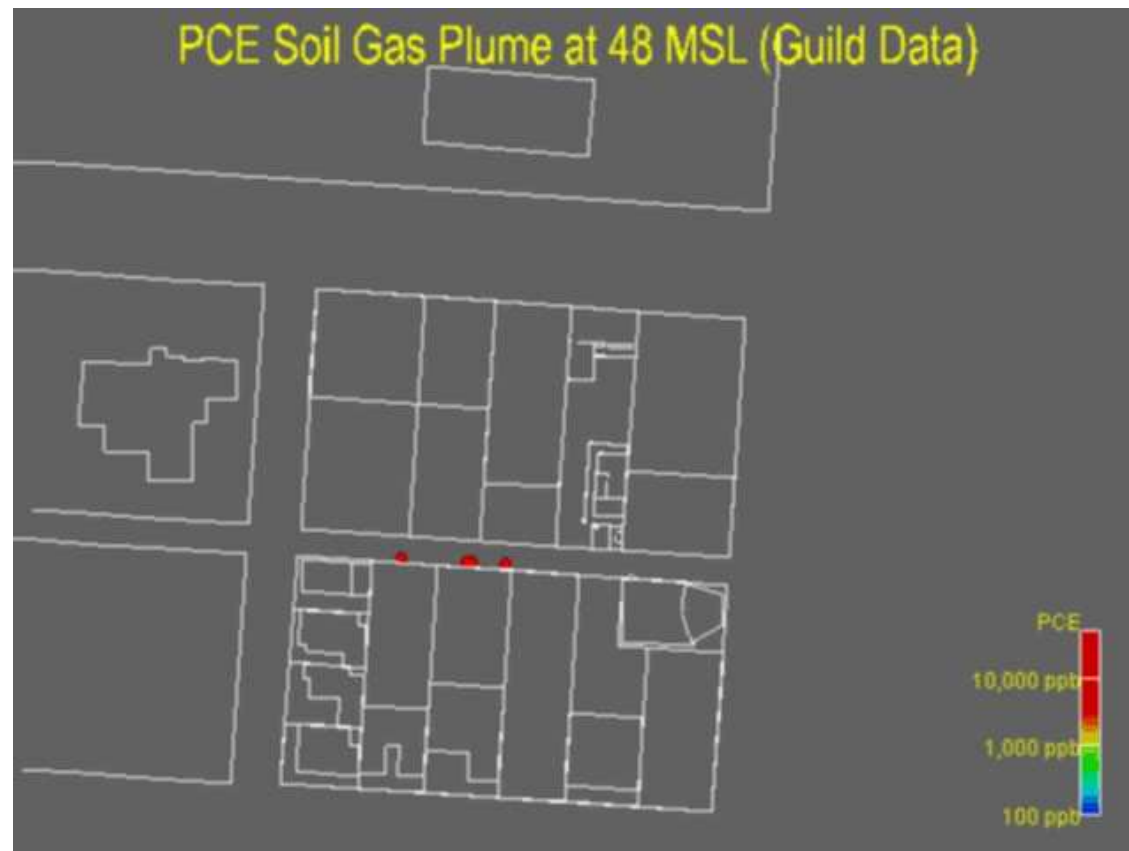
## PCE Soil Gas Plume at Sewer Line (Guild Data)







# EnviroStor-Looking Forward





# EnviroStor Database

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- EnviroStor's electronic data storage and retrieval system built from and designed to be compatible with GeoTracker



<http://geotracker.swrcb.ca.gov/>



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# AB:2144

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- Passed in 2006
- Authorizes DTSC to require submittal of electronic reports and data
- Requires DTSC to adopt standards that include electronic formats for submittal of reports, including analytical and environmental compliance data
- Authorizes DTSC to require that data submitted in electronic format to include the latitude and longitude, accurate to within at least one meter
- Consider formats that are available at no cost and available in the public domain (e.g., comma or tab delimited text files).
- [http://www.leginfo.ca.gov/pub/05-06/bill/asm/ab\\_2101-2150/ab\\_2144\\_bill\\_20060928\\_chaptered.html](http://www.leginfo.ca.gov/pub/05-06/bill/asm/ab_2101-2150/ab_2144_bill_20060928_chaptered.html)



# EnviroStor E-Data Workgroup

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- Workgroup formed in early 2007 to propose format for submittal of electronic analytical and field data into EnviroStor in a delimited text file.
- Workgroup team members include representatives from DTSC's Cleanup and Permitting programs:
  - Mark Malinowski, Mike Vivas, Rick Fears, Bud Duke, Darrell Nations, Alice Campbell, Yun Zhang, Ronald Ohta, David Wright, David Berry, Shannon Similai



# EnviroStor E-Data Workgroup

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- Added additional fields and valid values to GeoTracker's existing electronic data deliverables (EDDs) for laboratory analytical data, coordinate data, and sample data.
- Existing EDD Worksheet





# EnviroStor E-Data Workgroup

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- **Currently working on EDDs for soil boring data, well construction data, and aquifer test data.**
- Proposed Boring Log and Well Construction EDD Worksheet
- **Additional modules may include:**
  - geophysical data**
  - field test data**



# EnviroStor E-Data Workgroup

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- **DTSC will meet with other State Agencies to review the format and fields to receive input and work toward interagency consistency.**



# Questions and Answers

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